
MIRAGE (TM)

Release 3.1a John F. Collins, Biocomputing Research Unit.
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Msrch_n n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Tue Oct 26 06:54:09 1999; Maspar time 83.68 Seconds

Tabular output not generated. 1154.031 Million cell updates/sec

Title: >US-08-978-217-1
Description: (1-1116) from US08978217.seq
Perfect Score: 1116 1 ATGGCTGCACCTGTGAGAT.....TTCACAGAGTCGACACTGA 1116
N.A. Sequence: TACGACCTGTGACACCTCTA.....AAGAGCTCTGACCTGACT
Comp:

Scoring table: TABLE default

Nmatch STD : Dbase 0; Query 0

Searched: 165353 segs, 43264542 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.738; Variance 4.688; scale 1.864

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description	Pred. No.
1	1108	99.3	1920	3	US-08-746-Sequence 1, Applicatio	0.00e+00
2	82	7.3	7218	2	US-08-232-Sequence 14, Applicati	1.30e-40
3	45	4.0	2975	2	US-08-368-Sequence 1, Applicatio	1.33e-14
4	45	4.0	3240	2	US-08-368-Sequence 3, Applicatio	1.33e-14
5	41	3.7	7218	2	US-08-232-Sequence 14, Applicati	5.67e-12
6	34	3.0	215	1	US-08-238-Sequence 5, Applicatio	1.58e-07
7	33	3.0	965	3	US-08-388-Sequence 22, Applicati	6.53e-07
8	34	3.0	965	3	US-08-388-Sequence 22, Applicati	1.58e-07
9	32	2.9	215	1	US-08-238-Sequence 5, Applicatio	2.66e-06
10	31	2.8	2667	3	US-08-469-Sequence 1, Applicatio	1.07e-05
11	31	2.8	1604	2	US-08-306-Sequence 43, Applicatio	1.64e-04
12	29	2.5	1604	2	PCT-US93-0Sequence 9, Applicatio	1.64e-04
13	28	2.5	82	4	PCT-US95-1Sequence 97, Applicati	6.26e-04
14	27	2.4	75	4	PCT-US95-1Sequence 99, Applicati	2.35e-03
15	26	2.3	74	4	PCT-US95-1Sequence 94, Applicati	8.64e-03
16	26	2.3	81	4	PCT-US95-1Sequence 92, Applicati	8.64e-03
17	26	2.3	81	4	PCT-US95-1Sequence 92, Applicati	8.64e-03
18	26	2.3	81	4	PCT-US95-1Sequence 92, Applicati	8.64e-03
19	26	2.3	2159	3	PCT-US95-1Sequence 2, Applicatio	8.64e-03
20	25	2.2	66	1	US-08-471-Sequence 144, Applicat	3.11e-02

21	25	2.2	68	1	US-08-471-Sequence 143, Applicat	3.11e-02
22	25	2.2	69	1	US-08-471-Sequence 142, Applicat	3.11e-02
23	24	2.2	74	4	PCT-US95-1Sequence 94, Applicati	3.11e-02
24	24	2.2	74	4	PCT-US95-1Sequence 100, Applicat	1.10e-01
25	24	2.2	75	4	PCT-US95-1Sequence 99, Applicati	1.10e-01
26	24	2.2	81	4	PCT-US95-1Sequence 98, Applicati	1.10e-01
27	25	2.2	82	4	PCT-US95-1Sequence 97, Applicati	3.11e-02
28	25	2.2	2159	3	US-08-471-Sequence 2, Applicatio	3.11e-02
29	24	2.2	2380	3	US-08-572-Sequence 3, Applicatio	1.10e-01
30	23	2.1	65	4	US-08-471-Sequence 145, Applicat	3.77e-01
31	23	2.1	66	4	PCT-US95-1Sequence 93, Applicati	3.77e-01
32	23	2.1	66	1	US-08-471-Sequence 144, Applicat	3.77e-01
33	23	2.1	69	1	US-08-471-Sequence 142, Applicat	3.77e-01
34	23	2.1	74	4	PCT-US95-1Sequence 100, Applicat	3.77e-01
35	23	2.1	14985	2	PCT-US96-0Sequence 6, Applicatio	3.77e-01
36	23	2.1	14985	2	US-08-652-Sequence 6, Applicatio	3.77e-01
37	22	2.0	29	3	US-08-746-Sequence 45, Applicatio	1.26e+00
38	22	2.0	65	1	US-08-471-Sequence 145, Applicat	1.26e+00
39	22	2.0	68	1	US-08-471-Sequence 143, Applicat	1.26e+00
40	22	2.0	108	3	US-08-878-Sequence 2, Applicatio	1.26e+00
41	22	2.0	108	2	US-08-357-Sequence 2, Applicatio	1.26e+00
42	22	2.0	2380	3	US-08-572-Sequence 3, Applicatio	1.26e+00
43	22	2.0	2544	3	US-08-469-Sequence 6, Applicatio	1.26e+00
44	22	2.0	7559	3	US-08-250-Sequence 2, Applicatio	1.26e+00
45	21	1.9	2304	1	US-08-464-Sequence 1, Applicatio	4.09e+00

ALIGNMENTS

RESULT 1
ID US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC xxxxxx
DT
DE Sequence 1, Application US/08746789A
CC Sequence 1, Application US/08746789A
CC Patent No. 5789200
CC GENERAL INFORMATION:
CC APPLICANT: Ismail Kola, Martin J. Tytms, Christine Debouck
CC TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESS: SmithKline Beecham Corporation
CC STREET: 709 Swedeland Road, P.O. Box 1539
CC CITY: King of Prussia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19406-0939
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
CC COMPUTER: IBM 486
CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
CC SOFTWARE: MICROSOFT WORD
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/746,789A
CC FILING DATE: No. 5789200el 15, 1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: William T. Han
CC REGISTRATION NUMBER: 34,344
CC REFERENCE/DOCKET NUMBER: ATG 50024
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610 270 5219
CC TELEFAX: 610 270 4026
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1920
CC TYPE: Nucleic Acid
CC STRANDEDNESS: Single
CC TOPOLOGY: Linear
CC ANTI-SENSE: NO

[illegible]

```
CC APPLICANT: Athanasios, Meropi A.  
CC APPLICANT: Sgouras, Dionysios N.  
CC TITLE OF INVENTION: The ERF Genetic Locus and Its Products  
CC NUMBER OF SEQUENCES: 16  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: Townsend and Townsend and Crew LLP  
CC STREET: Two Embarcadero Center, Eighth Floor  
CC CITY: San Francisco  
CC STATE: California  
CC COUNTRY: USA  
CC ZIP: 94111-3834  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: PatentIn Release #1.0, Version #1.30  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/469,412A  
CC FILING DATE: 05-JUN-1995  
CC CLASSIFICATION: 435  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Garrett-Mackowski, Eugenia  
CC REGISTRATION NUMBER: 37,330  
CC REFERENCE/DOCKET NUMBER: 015280-229000  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (415) 576-0200  
CC TELEFAX: (415) 576-0300  
CC INFORMATION FOR SEQ ID NO: 1:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 2667 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: cDNA  
CC FEATURE:  
CC NAME/KEY: CDS  
CC LOCATION: 123..1769  
CC OTHER INFORMATION: /note= "human ERF (ETS2 Repressor  
CC OTHER INFORMATION: Factor) cDNA"  
SQ SEQUENCE 2667 BP: 456 A; 872 C; 829 G; 510 T; 0 OTHER.
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Query Match 2.8%; Score 31; DB 3; Length 2667;
Best Local Similarity 68.7%; Pred.No.1.07e-05;
Matches 57; Conservative 0; Mismatches 26; Indels 0; Gaps 0;

Db 309 GTGGCGGCGGTGTGGGCGTTGCCAGTGAAGCCCCCAGATGATTACGACAAGCTTGACC 368
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QY 931 GTGGCCCAACTATGGGCGCAAAGAAAGAACAGCACATGACCTCGAGAAGCTGACG 990
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Db 369 CGGGCCCTGCCTATTACTATAA 391
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QY 991 CGGGCCATGAGTACTACTACAA 1013

RESULT 11
ID US-08-306-691B-43 STANDARD; DNA; UNC; 1604 BP.
AC xxxxxx

DT Sequence 43, Application US/08306691B
CC Sequence 43, Application US/08306691B
CC Patent No. 5734039
CC GENERAL INFORMATION:
CC APPLICANT: Calabretta, Bruno
CC APPLICANT: Skorski, Tomasz
CC TITLE OF INVENTION: ANTISENSE
CC NUMBER OF SEQUENCES: 55
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Seidel, Gonda, Layorgna & Monaco, P.C.
CC STREET: Two Penn Center, Suite 1800
CC CITY: Philadelphia
CC STATE: Pennsylvania
CC COUNTRY: U.S.A.

